

FIG. 1

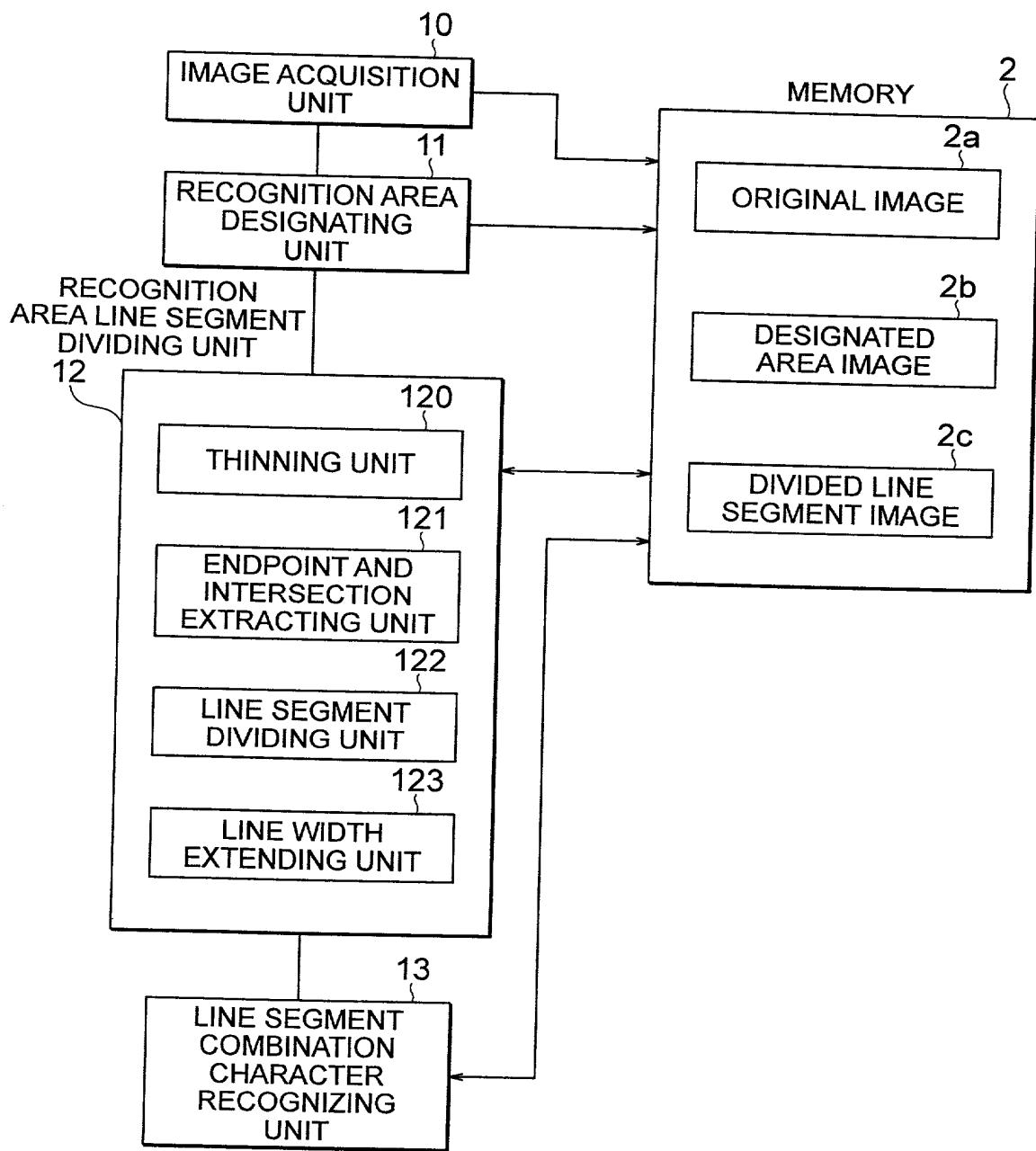


FIG. 2

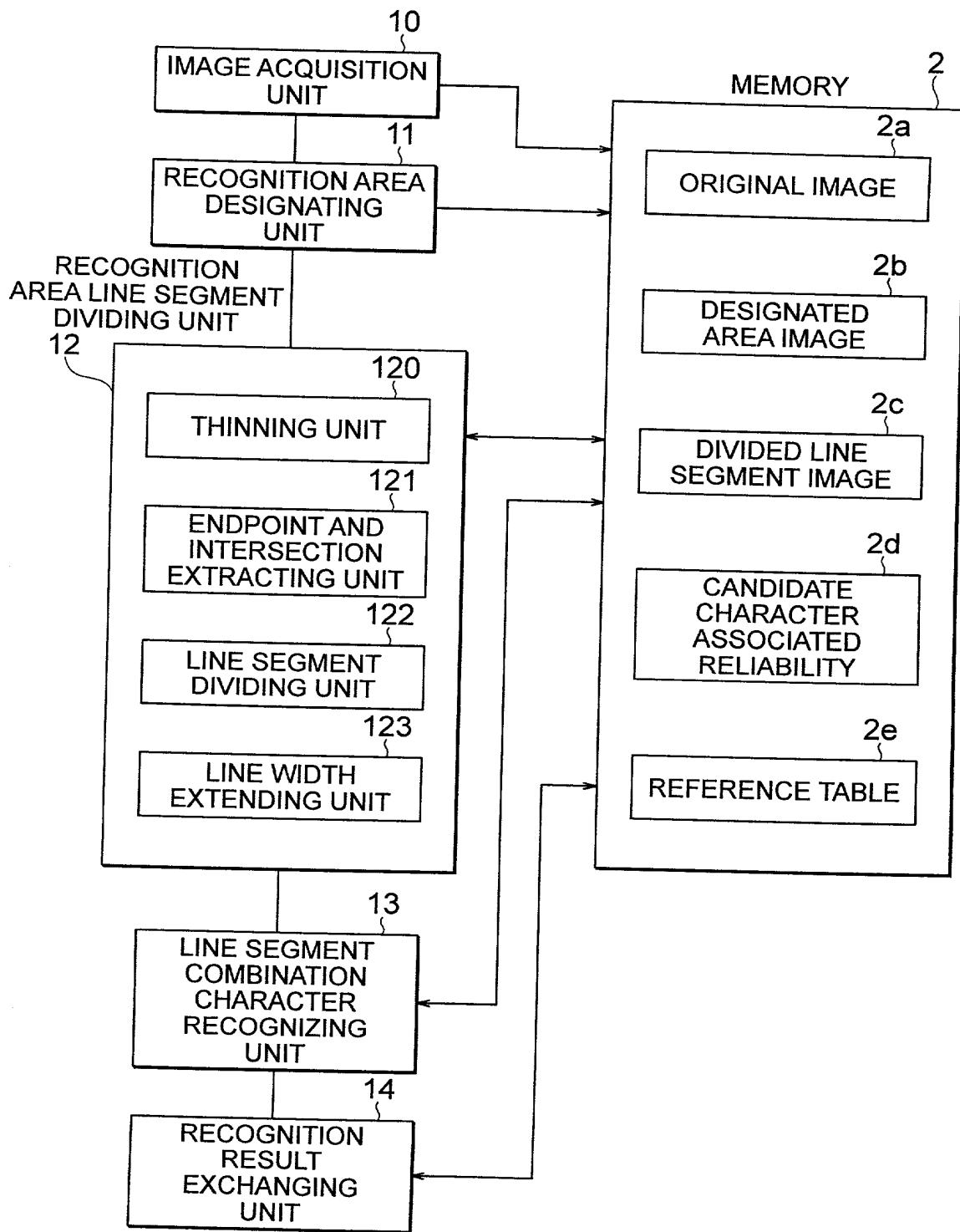


FIG. 3

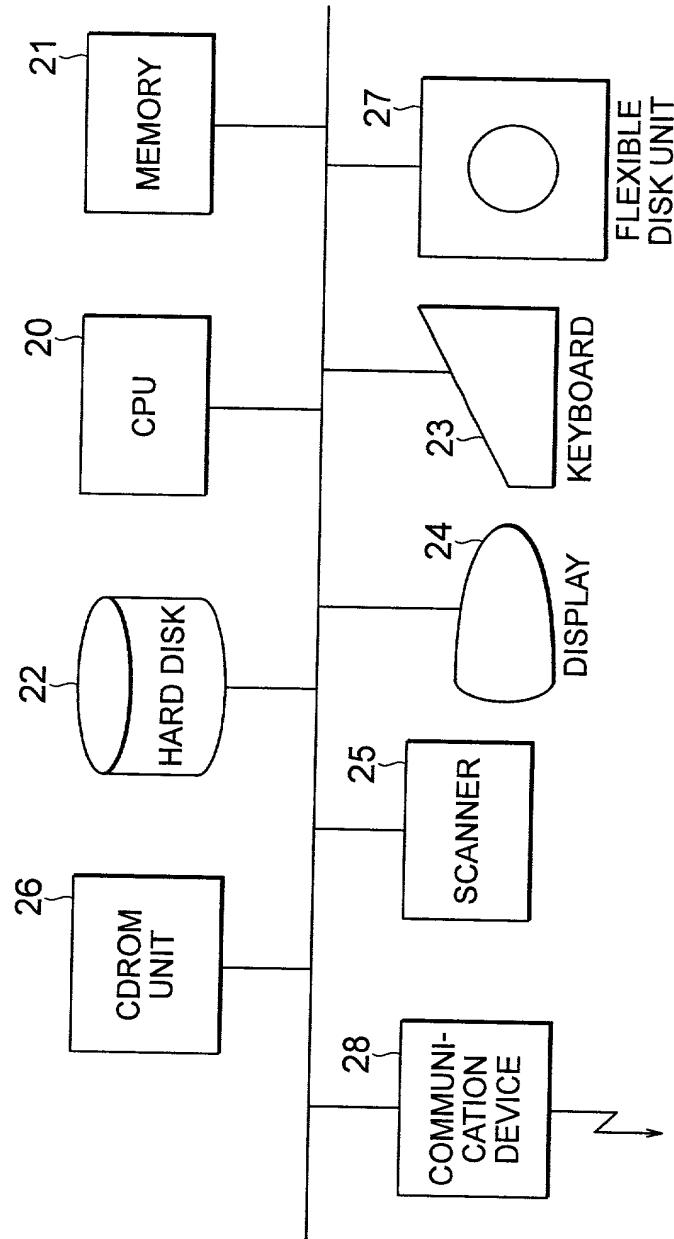


FIG. 4

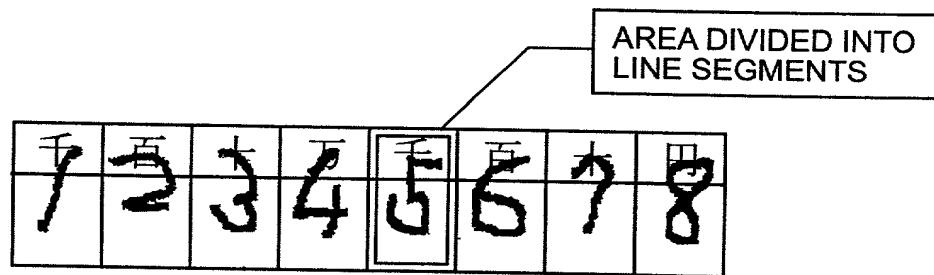


FIG. 5

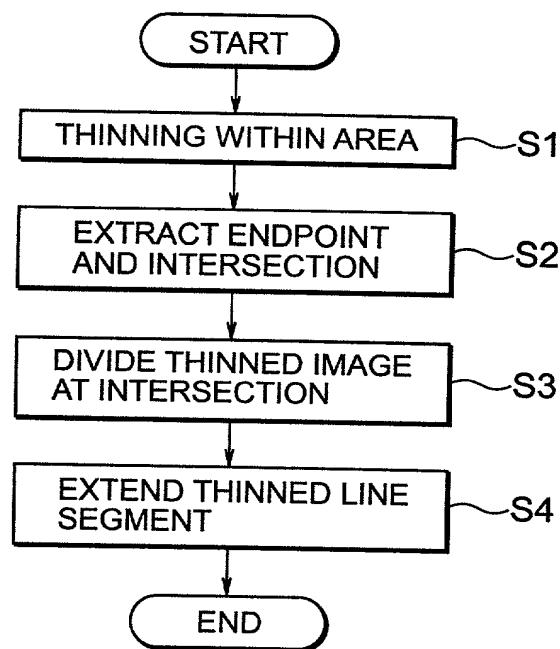


FIG. 6

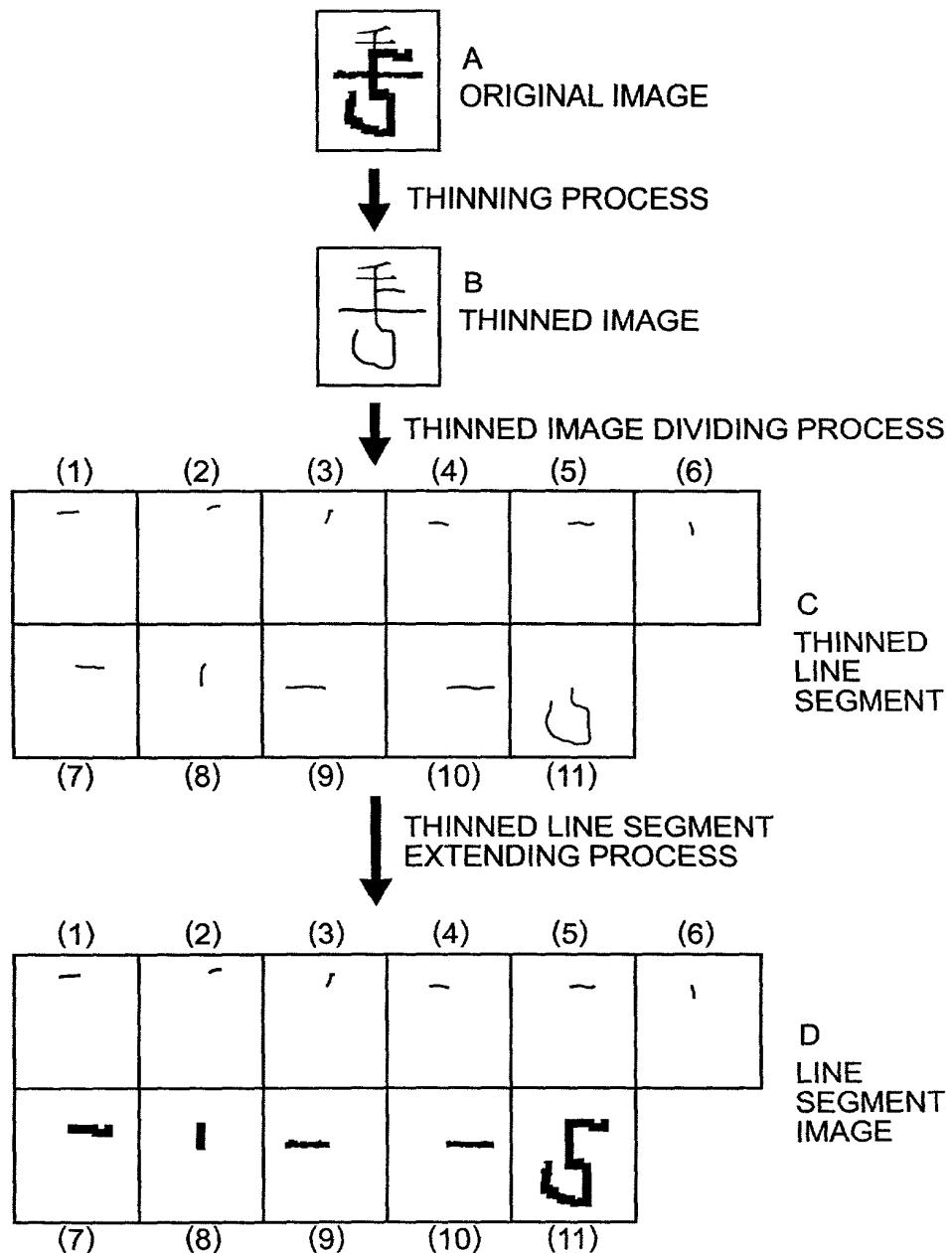


FIG. 7

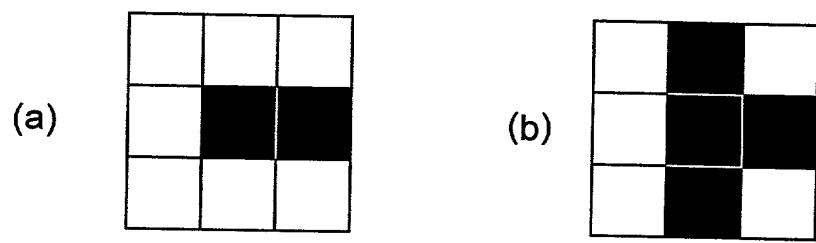


FIG. 8

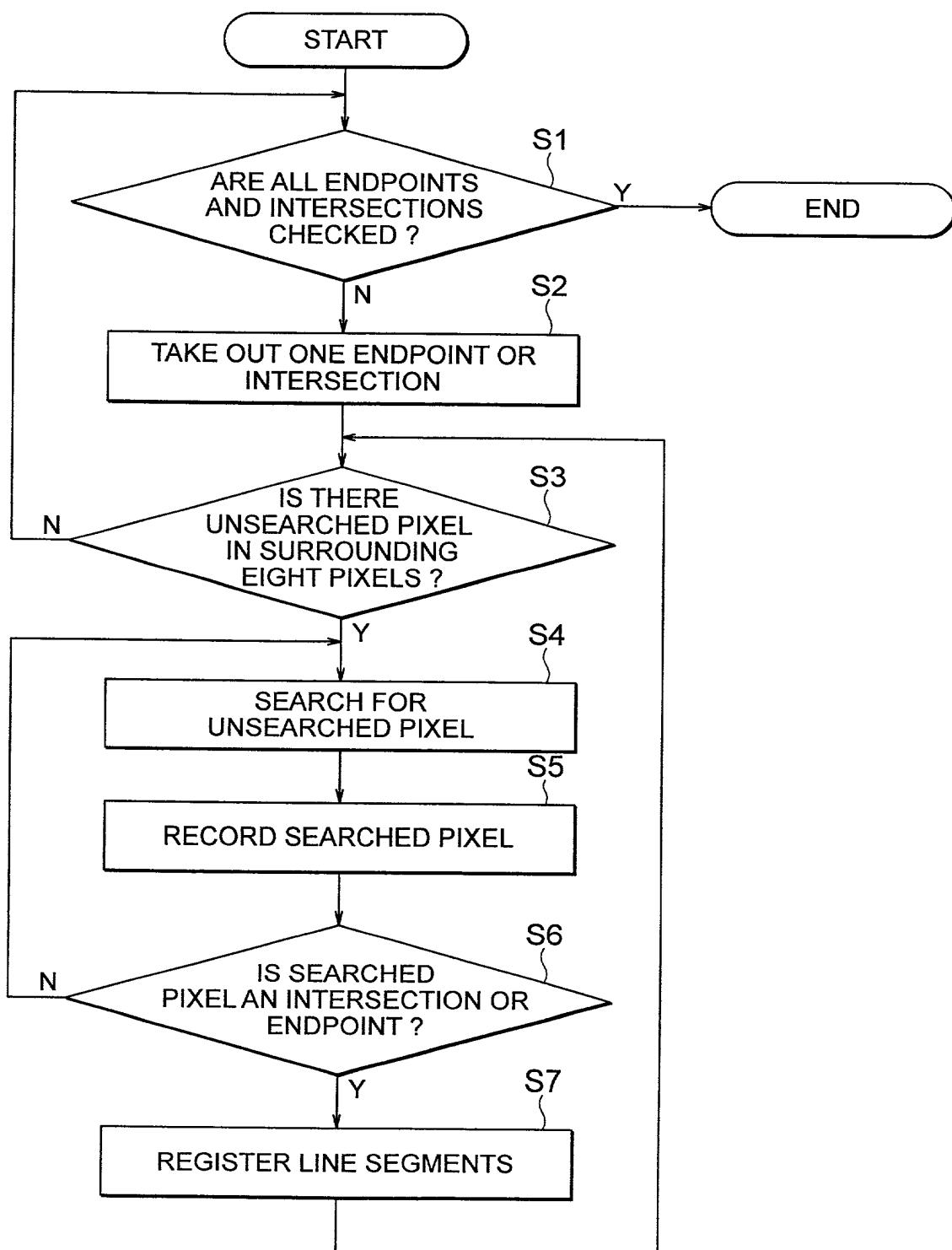


FIG. 9

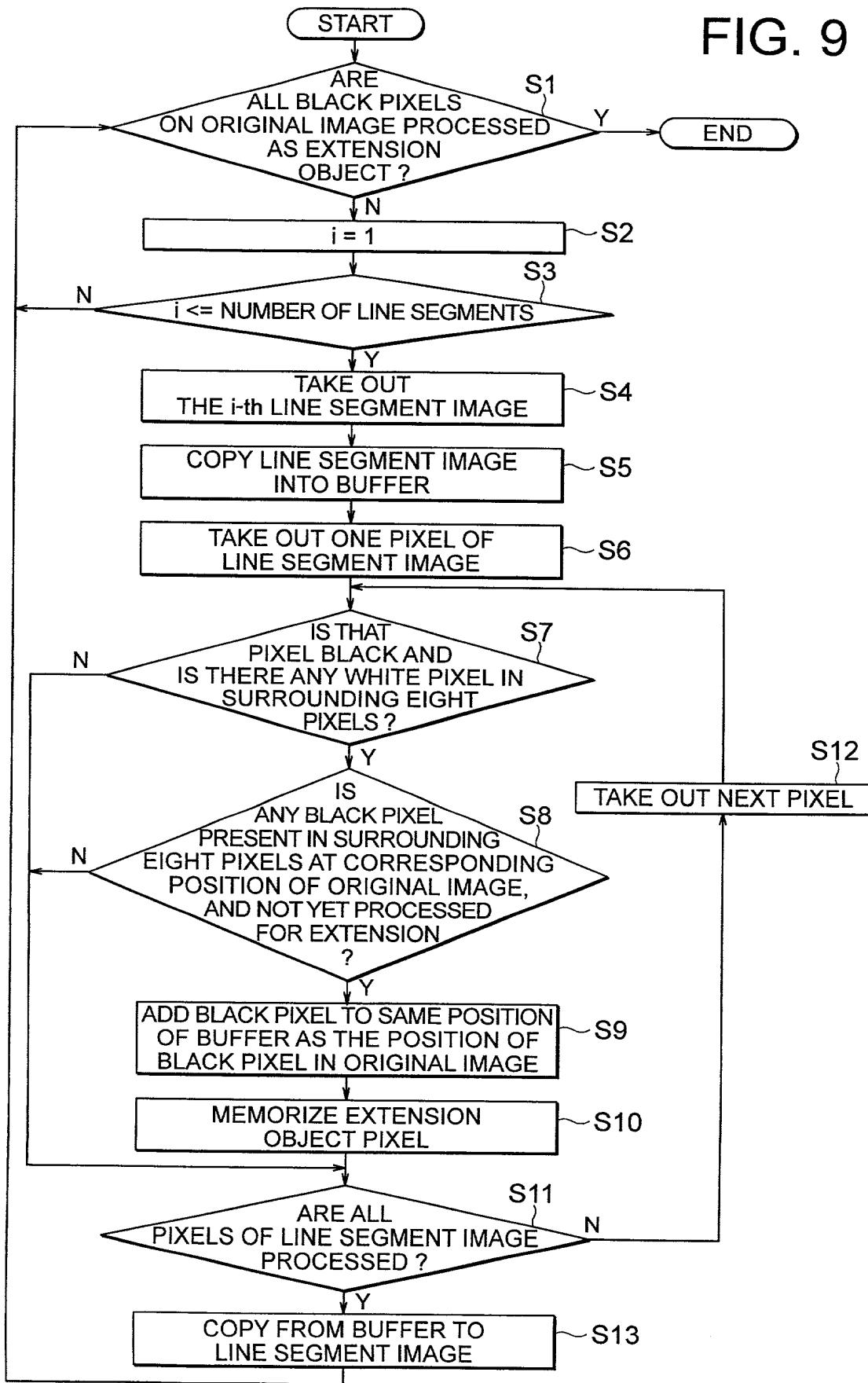


FIG. 10

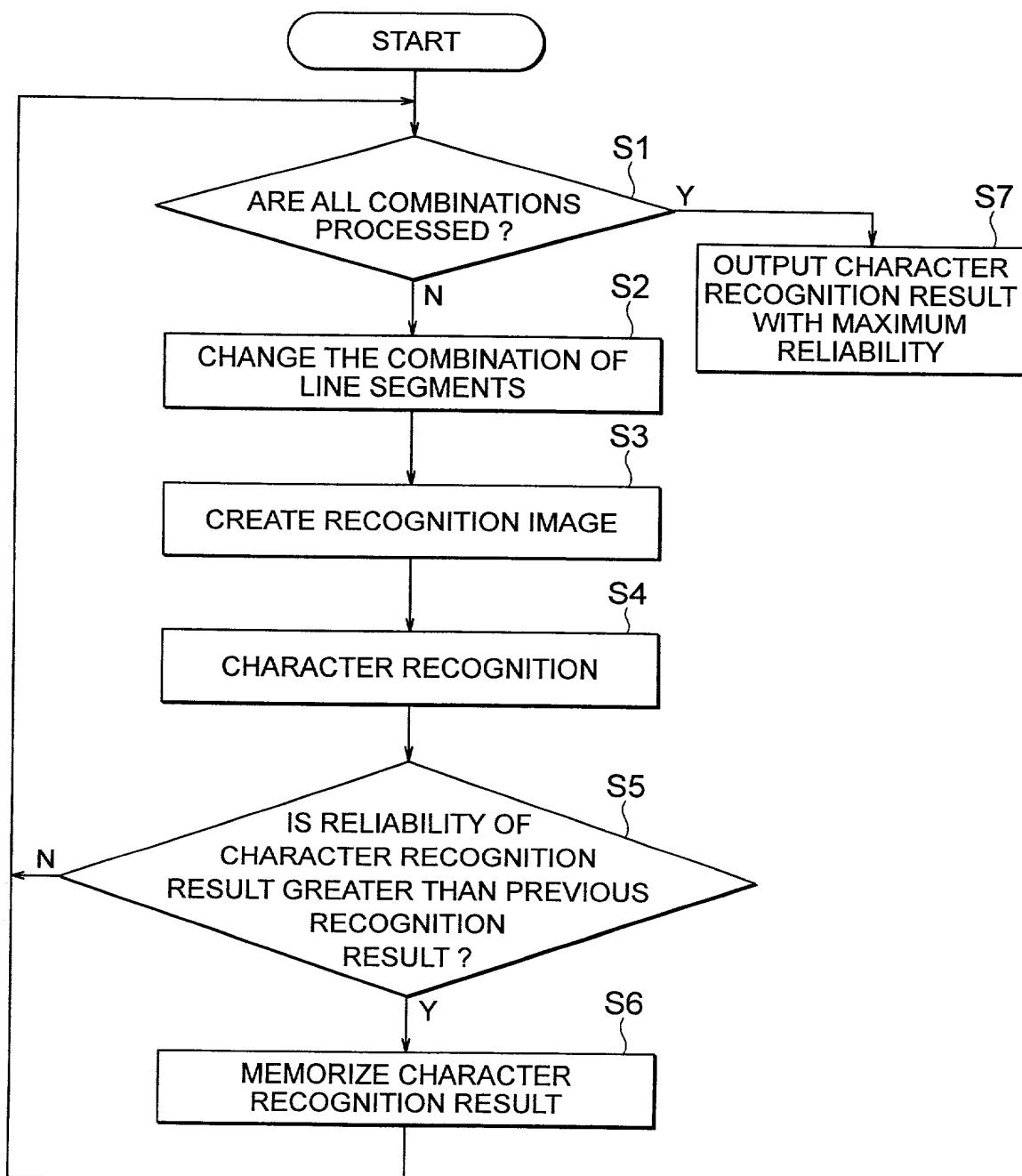


FIG. 11

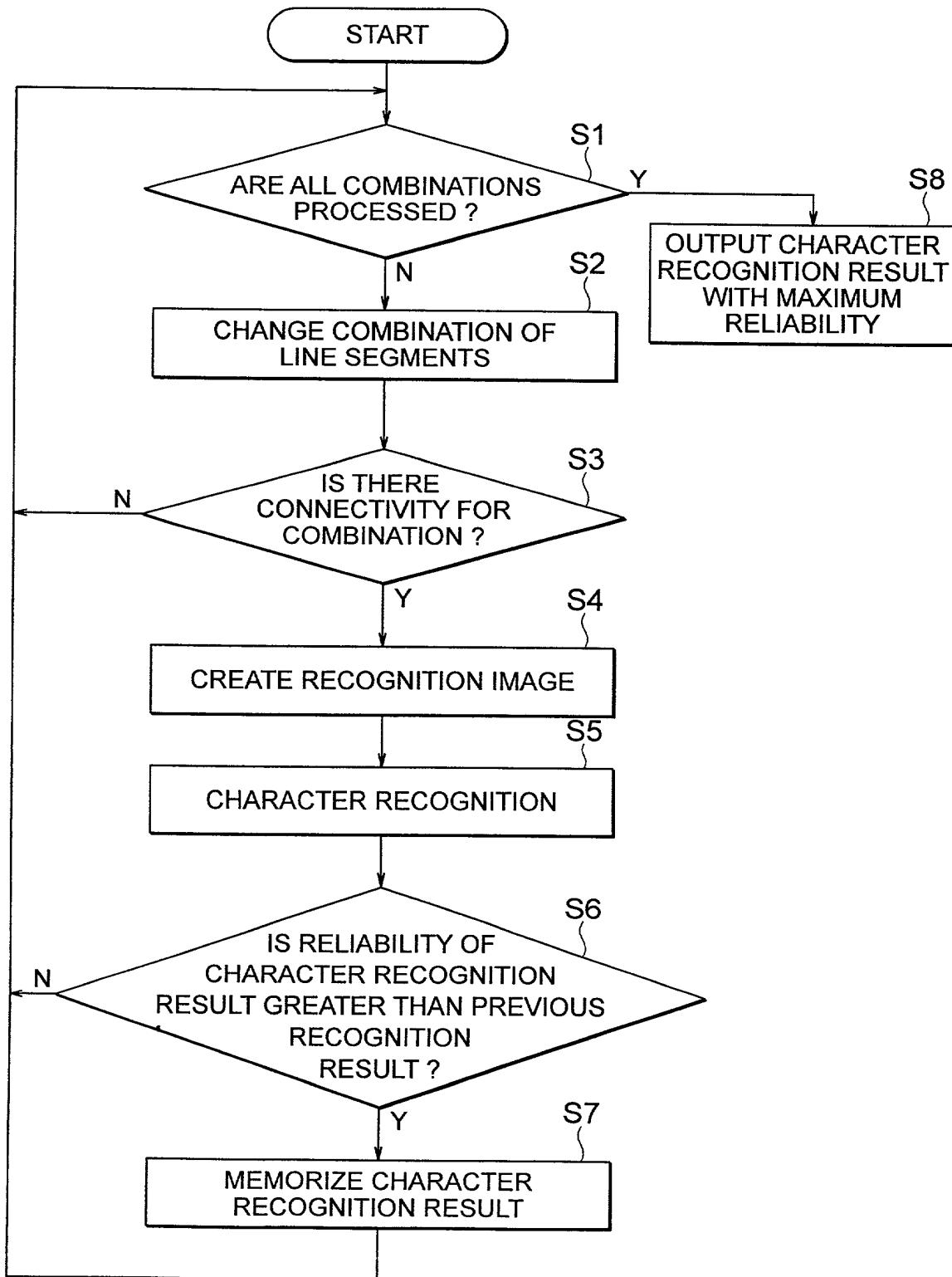


FIG. 12

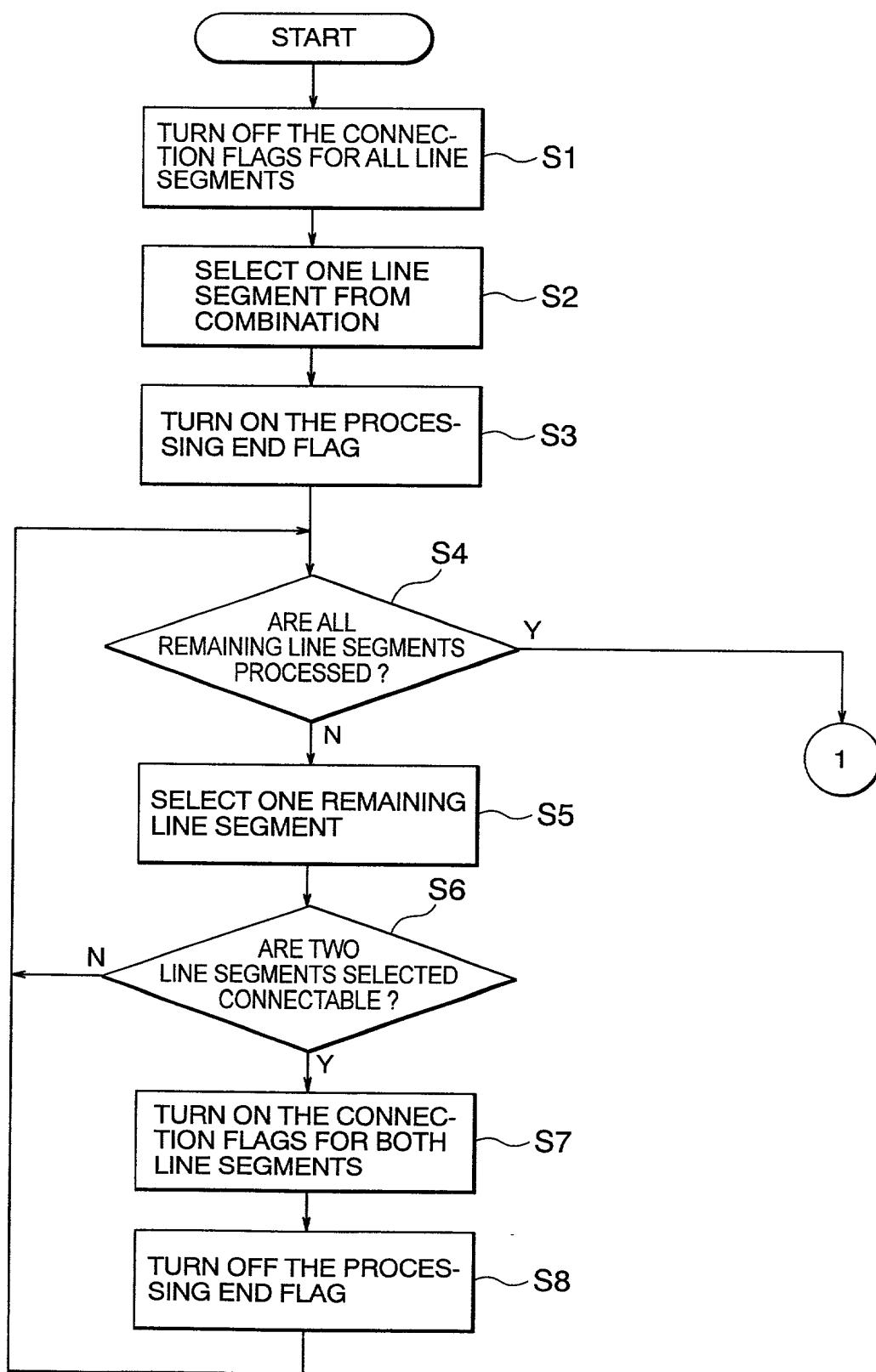


FIG. 13

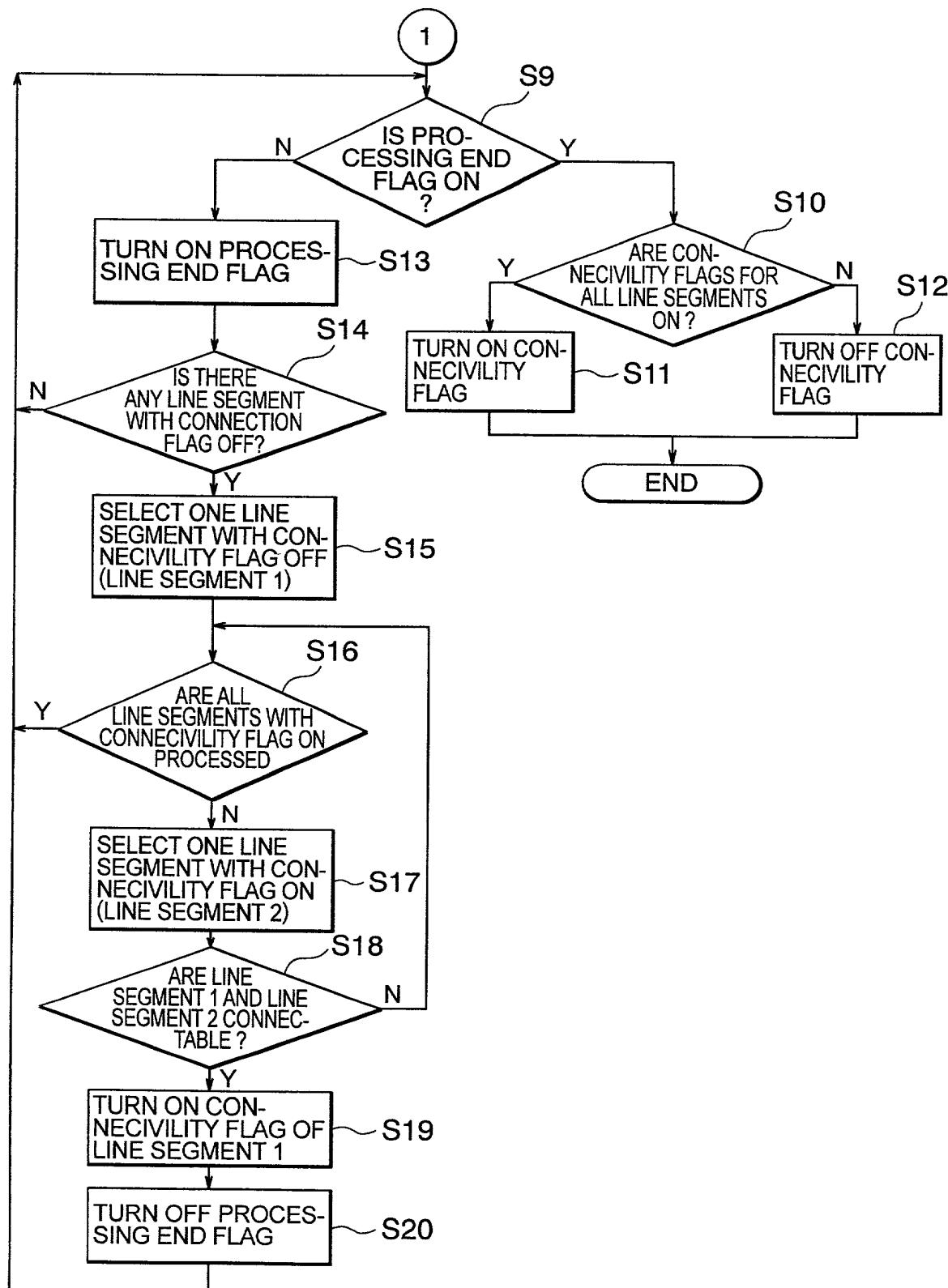


FIG. 14

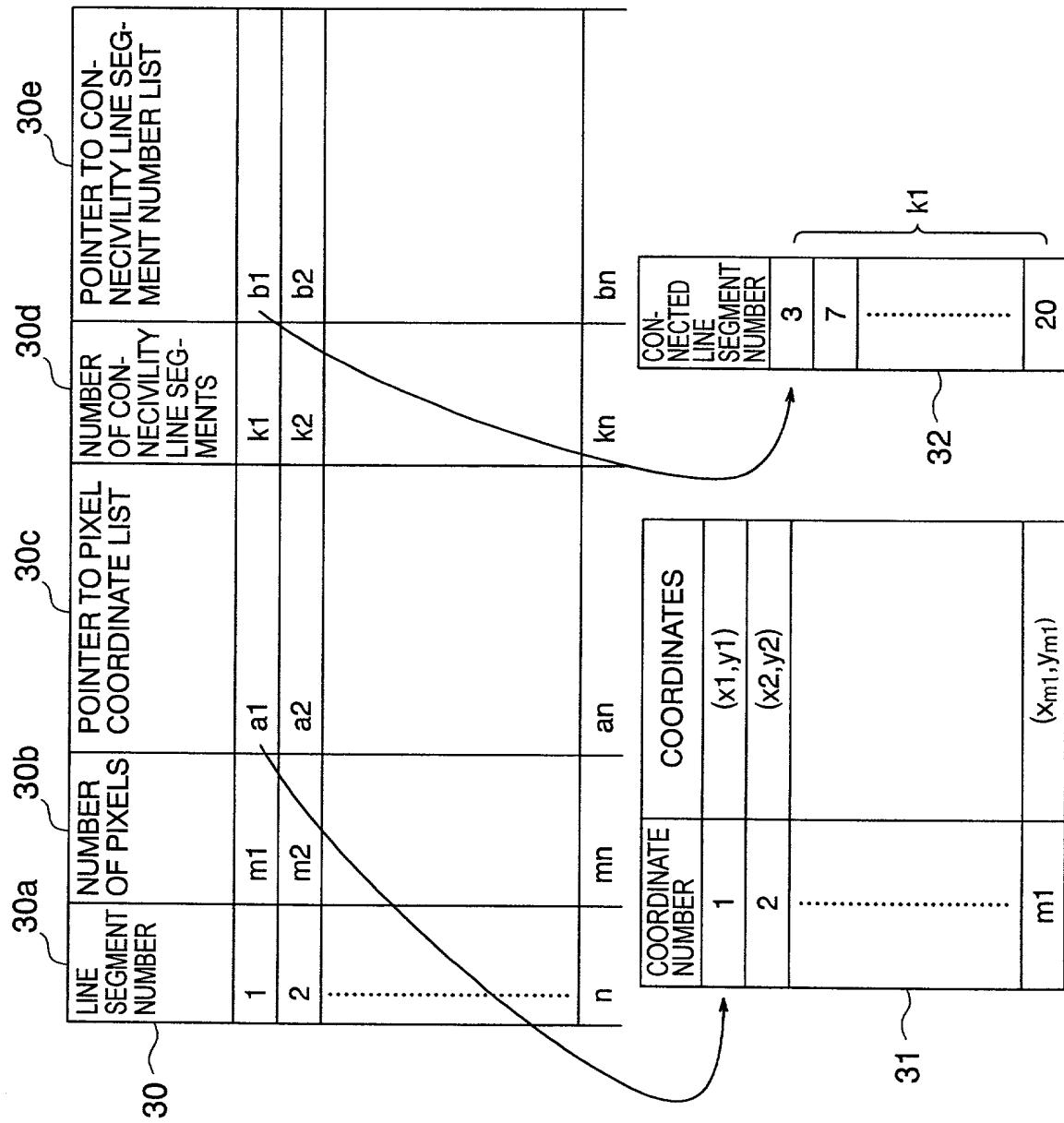
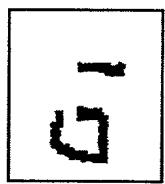


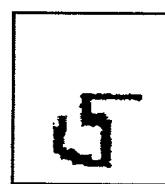
FIG. 15



(a) ORIGINAL
IMAGE

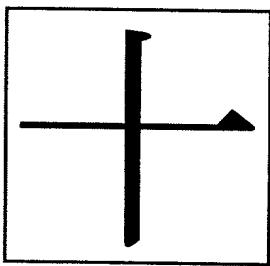


(b) COMBINATION
WITHOUT
CONNECTIVITY

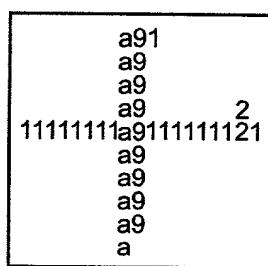


(c) COMBINATION
WITH
CONNECTIVITY

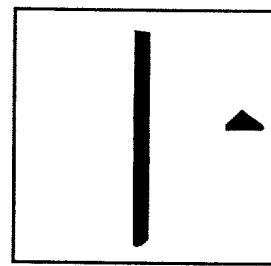
FIG. 16



(a) IMAGE "+" IN MING-STYLE TYPE

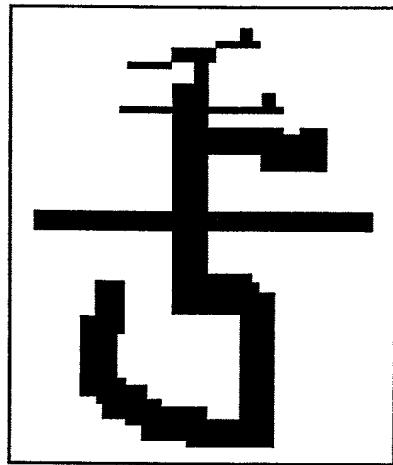


(b) RUN DISTRIBUTION OF IMAGE "+" IN MING-STYLE TYPE IN VERTICAL DIRECTION

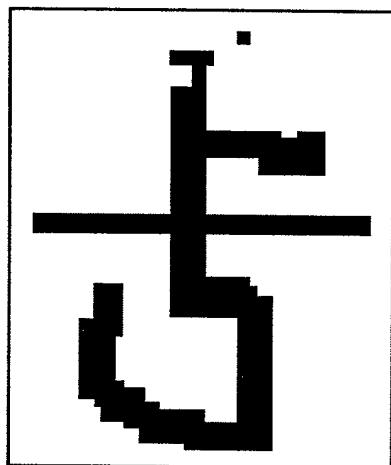


(a) IMAGE "+" IN MING-STYLE TYPE FROM WHICH PORTION WITH RUN WIDTH 1 IN VERTICAL DIRECTION IS DELETED

FIG. 17



(a) ORIGINAL IMAGE



(b) IMAGE AFTER ITS PORTION
WITH FINE LINE WIDTH IS
REMOVED

FIG. 18

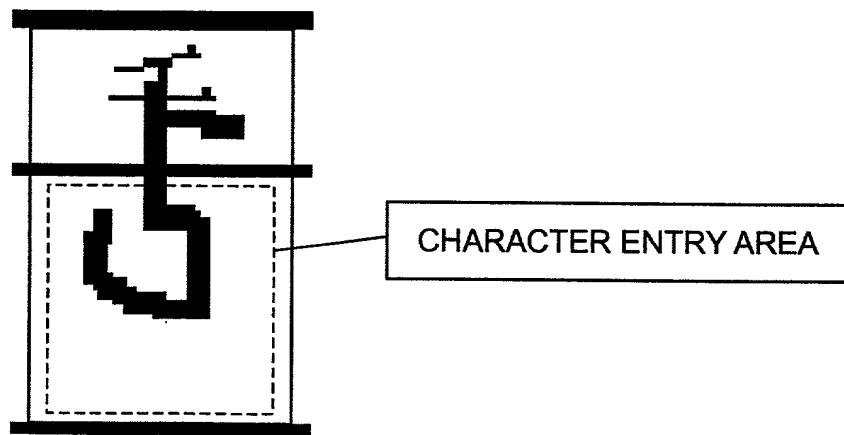
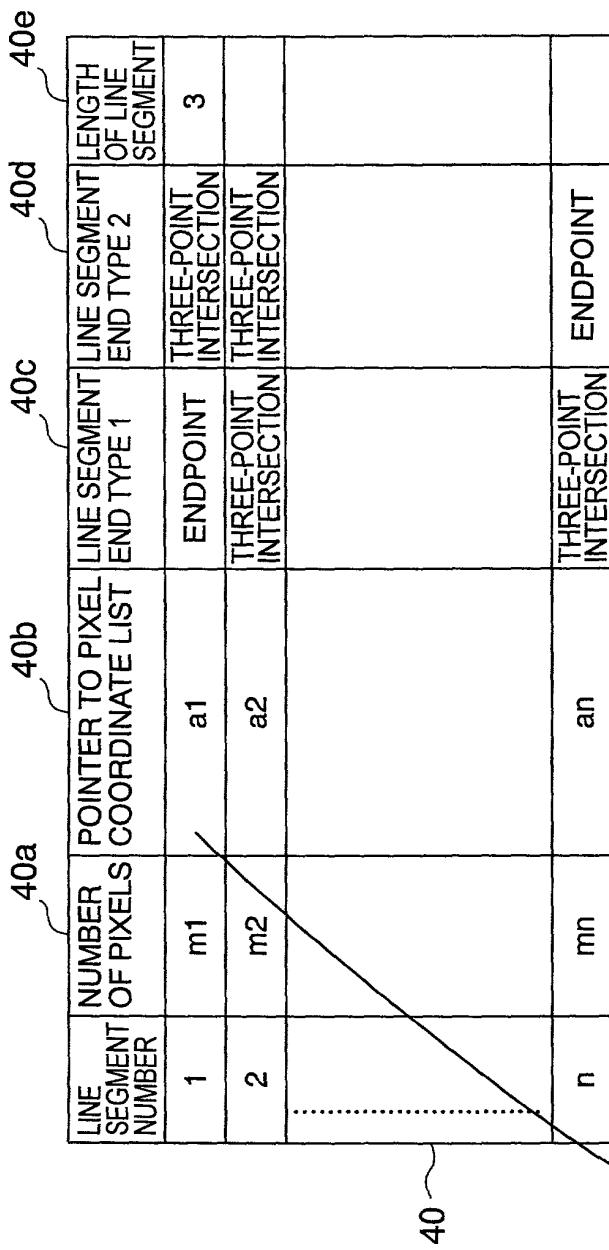


FIG. 19



COORDINATE NUMBER	COORDINATES
1	(x_1, y_1)
2	(x_2, y_2)
m_1	(x_{m1}, y_{m1})

41

FIG. 20

030700-070000000000

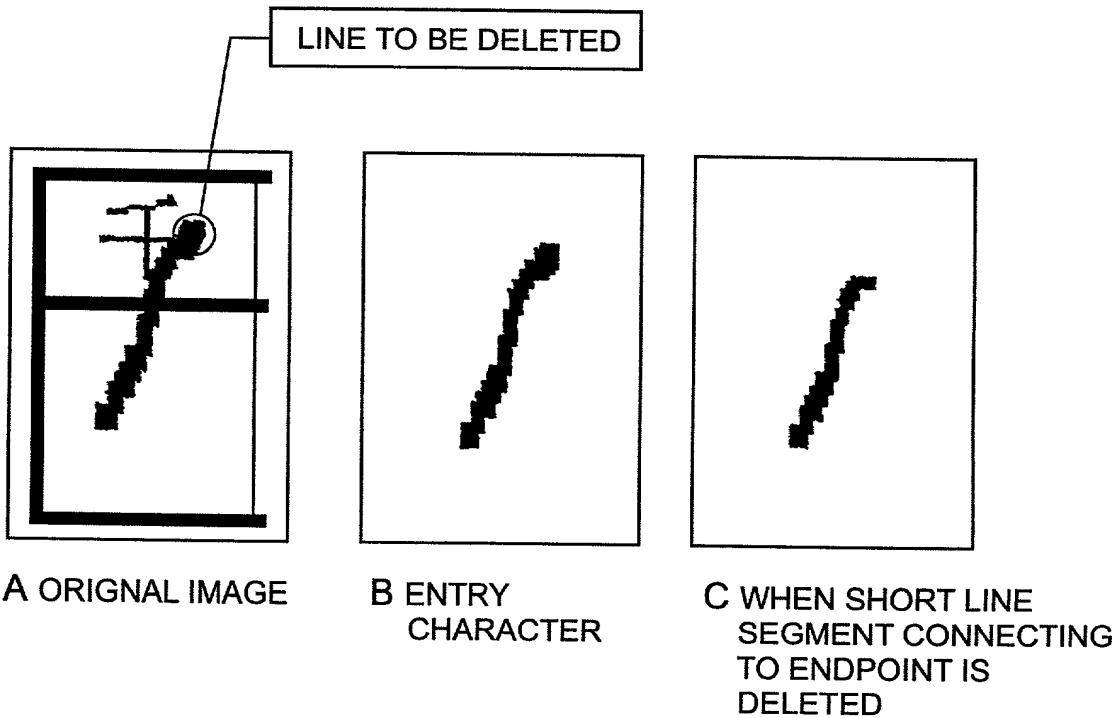


FIG. 21

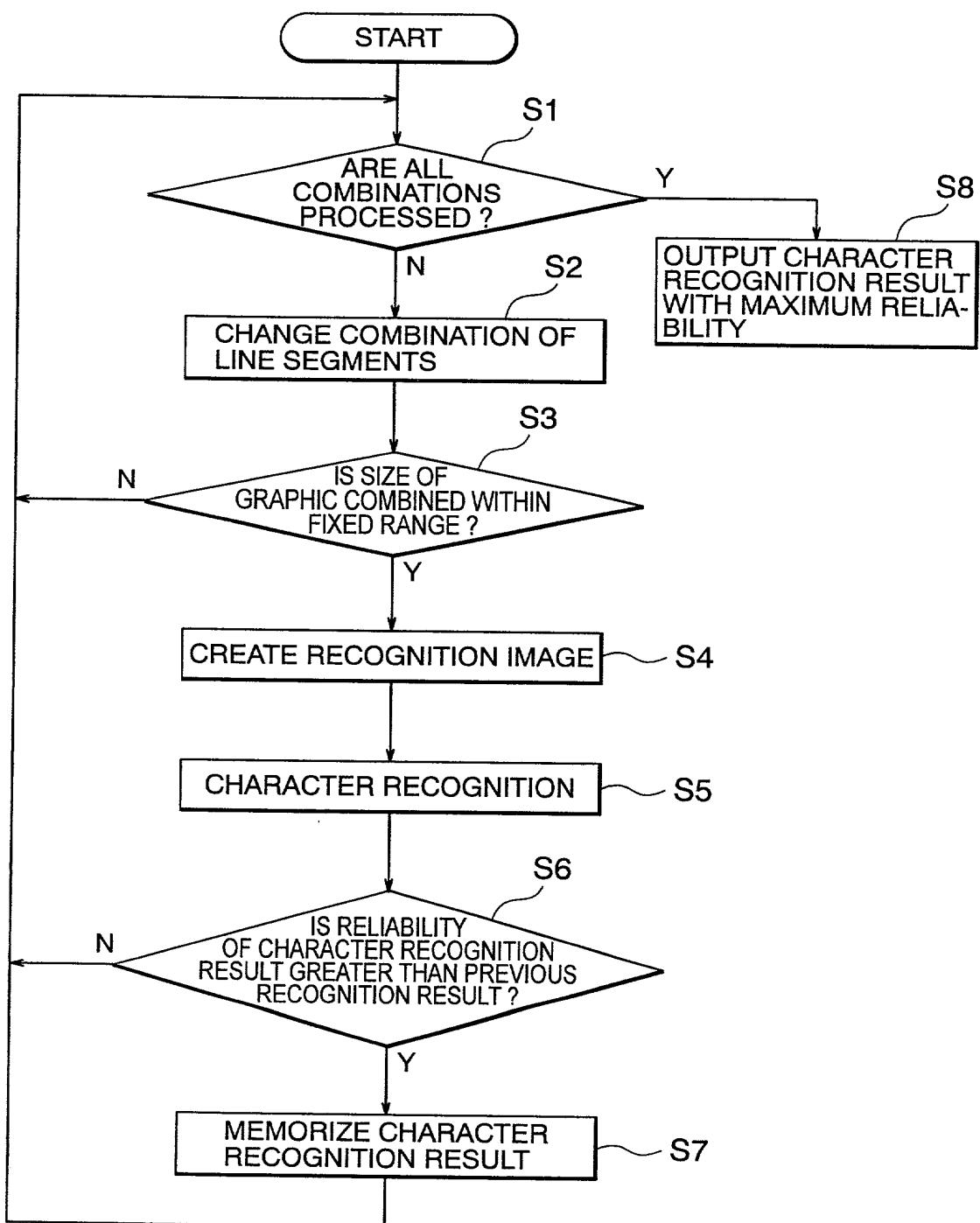


FIG. 22

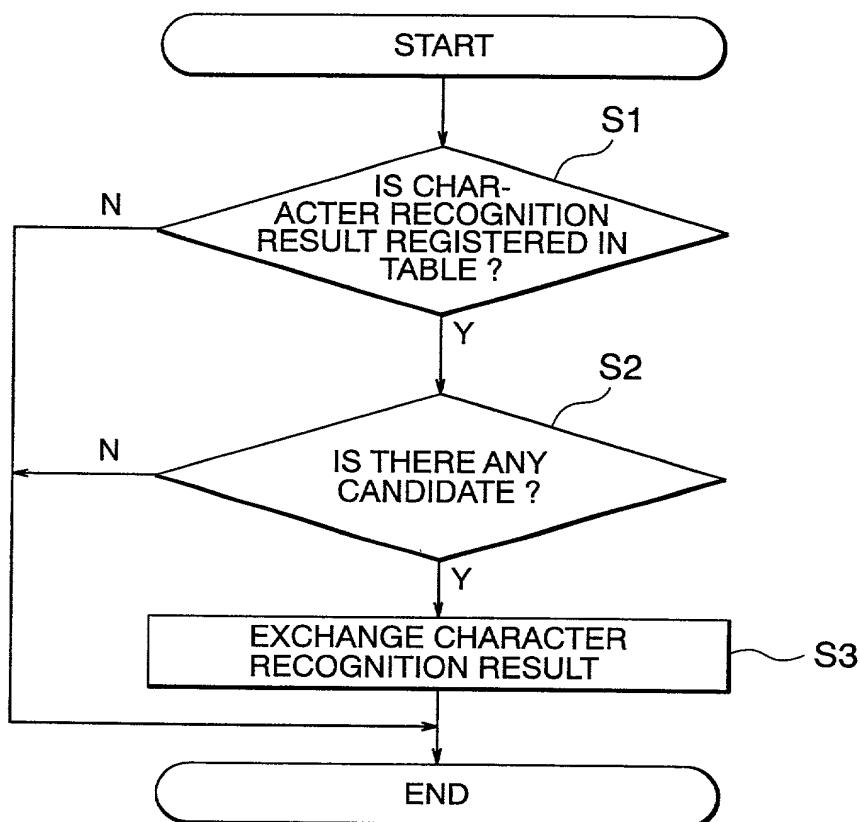


FIG. 23

EXCHANGED OBJECT CHARACTER	EXCHANGING OBJECT CHARACTER
0	6, 8
1	4, 7, 9
6	0
8	0

FIG. 24

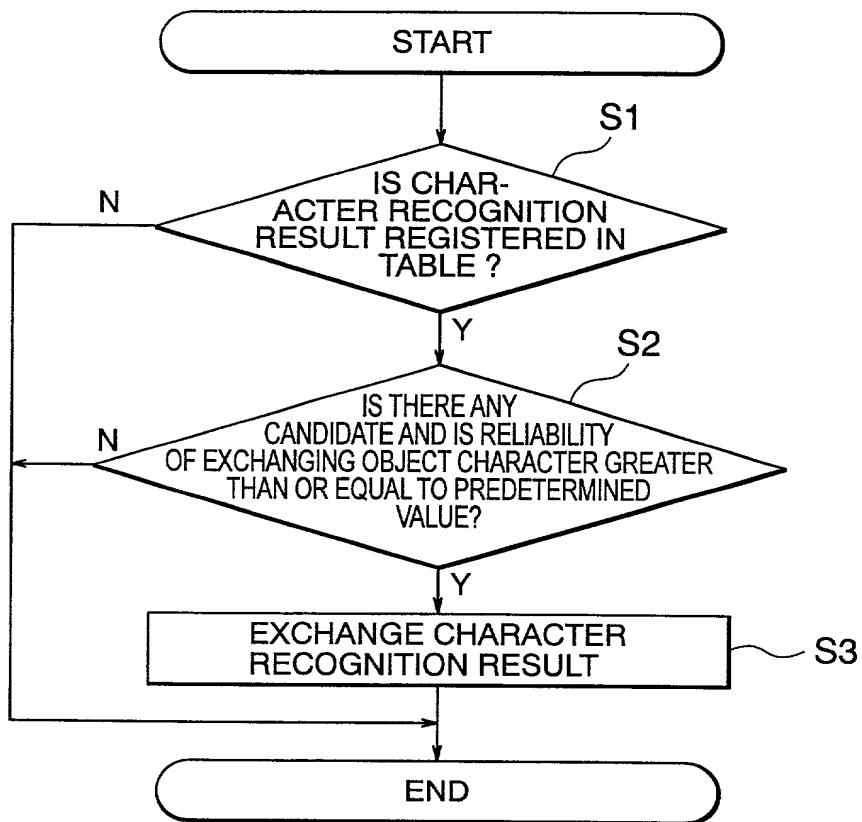


FIG. 25

EXCHANGED OBJECT CHARACTER	EXCHANGING OBJECT CHARACTER	RELIABILITY WHEN EXCHANGING
0	6	200
	8	220
1	4	230
	7	200
	9	240
6	0	220
8	0	250

FIG. 26

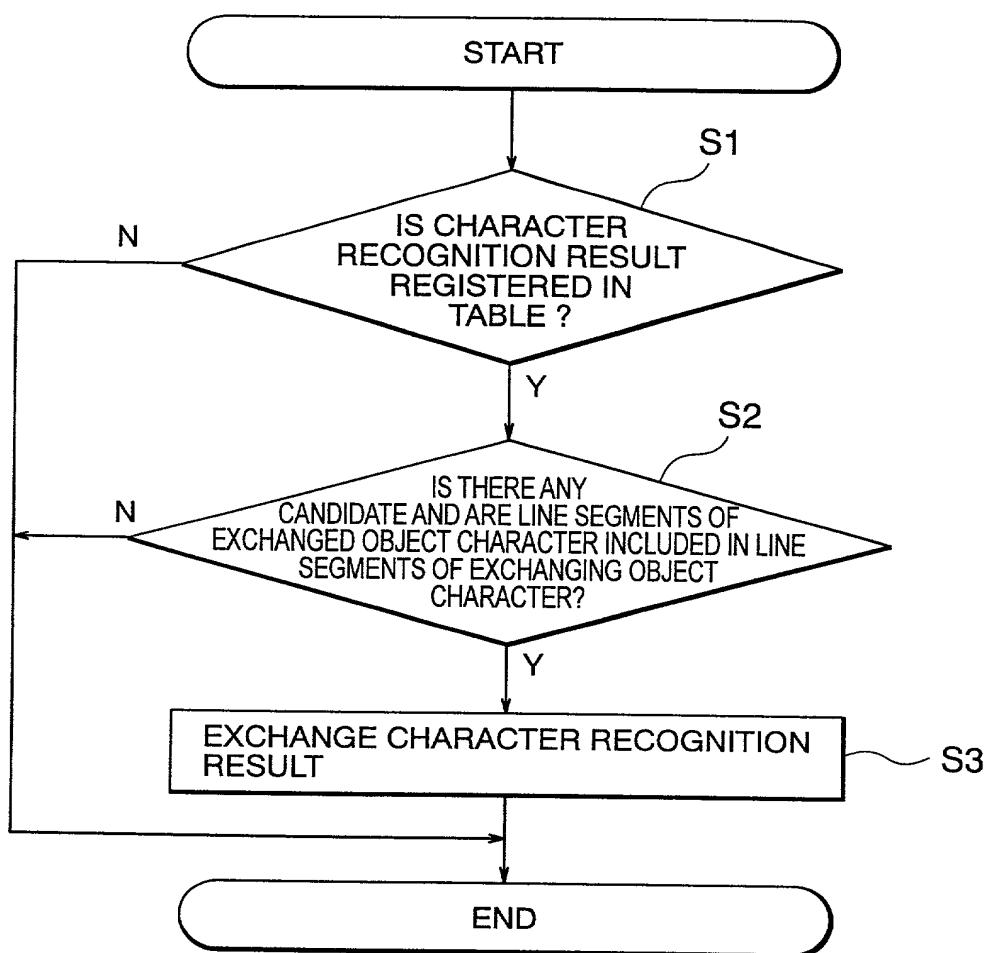


FIG. 27

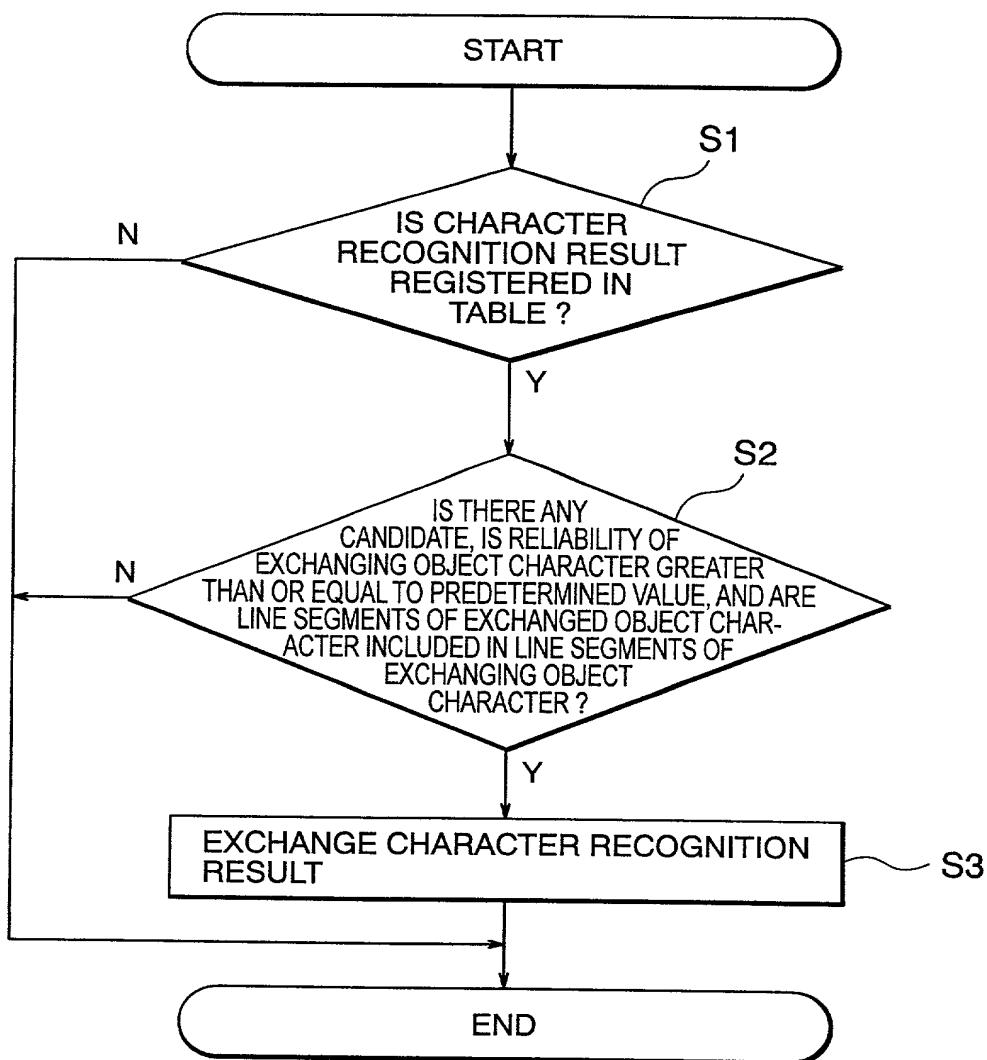


FIG. 28

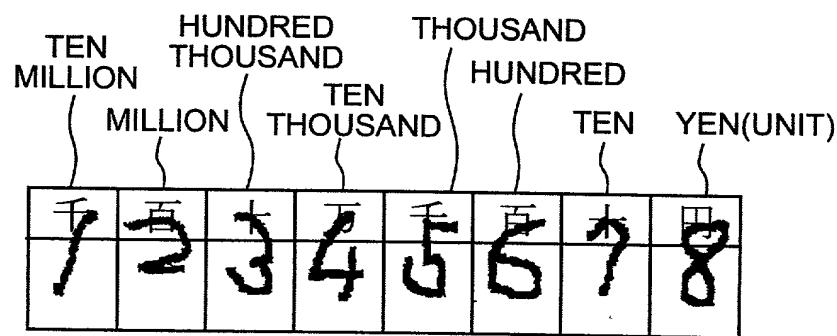


FIG. 29

INSTANCE OF FALSE RECOGNITION

